

NONTECHNICAL SOIL DESCRIPTIONS  
Madison Parish, Louisiana

These descriptions describe soil properties or management considerations specific to a soil map unit and components of map units. These reports are generated for distribution to land users from the National Soil Information System soil database.

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**Ba--Bruin Silt Loam**

Bruin component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is moderately well drained. The slowest permeability within 60 inches is moderate. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet. It is in nonirrigated land capability class 1.

**BC--Bruin And Commerce Soils, Frequently Flooded**

Bruin component makes up 50 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a ridge. It is moderately well drained. The slowest permeability within 60 inches is moderate. Available water capacity is very high and shrink swell potential is low. This soil is frequent flooded and is not ponded. The water table is deeper than 6 feet. It is in nonirrigated land capability class 5w.

Commerce component makes up 35 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a swale. It is somewhat poorly drained. The slowest permeability within 60 inches is moderately slow. Available water capacity is very high and shrink swell potential is moderate. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 33 inches. It is in nonirrigated land capability class 5w.

**Cm--Commerce Silt Loam**

Commerce component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is moderately slow. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 33 inches. It is in nonirrigated land capability class 2w.

**Cn--Commerce Silty Clay Loam**

Commerce component makes up 85 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is moderately slow. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 33 inches. It is in nonirrigated land capability class 2w.

**Co--Commerce Silty Clay Loam, Gently Undulating**

Commerce component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is moderately slow. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 33 inches. It is in nonirrigated land capability class 2e.

**Cr--Crevasse Soils, Frequently Flooded**

Crevasse component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is excessively drained. The slowest permeability within 60 inches is rapid. Available water capacity is moderate and shrink swell potential is low. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 57 inches. It is in nonirrigated land capability class 5w.

**Dd--Dundee Silt Loam**

Dundee component makes up 85 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is moderately slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 30 inches. It is in nonirrigated land capability class 2w.

**De--Dundee Silty Clay Loam**

Dundee component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is moderately slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 30 inches. It is in nonirrigated land capability class 2w.

**Ds--Dundee-Sharkey Complex, Gently Undulating**

Dundee component makes up 55 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is moderately slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 30 inches. It is in nonirrigated land capability class 2w.

Sharkey component makes up 35 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a swale. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 3e.

**Sa--Sharkey Silt Loam**

Sharkey component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 3w.

**Sb--Sharkey Silty Clay Loam**

Sharkey component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 3w.

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Madison Parish, Louisiana

## Sc--Sharkey Clay

Sharkey component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 3w.

## Sd--Sharkey Clay, Undulating

Sharkey component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 3e.

## Sf--Sharkey Clay, Frequently Flooded

Sharkey component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 5w.

## SS--Sharkey Soils, Frequently Flooded

Sharkey component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 5w.

## St--Sharkey-Tunica Complex, Gently Undulating

Sharkey component makes up 55 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a swale. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 3e.

Tunica component makes up 35 percent of the map unit. This map unit is in the Southern Mississippi

Valley Alluvium Major Land Resource Area. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 27 inches. It is in nonirrigated land capability class 3w.

## SU--Sharkey And Tunica Soils, Frequently Flooded

Sharkey component makes up 70 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a swale. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 5w.

Tunica component makes up 20 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a ridge. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is moderate. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 27 inches. It is in nonirrigated land capability class 5w.

## Ta--Tensas Silty Clay

Tensas component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is moderate. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 24 inches. It is in nonirrigated land capability class 3w.

## Ts--Tensas-Sharkey Complex, Gently Undulating

Tensas component makes up 55 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 24 inches. It is in nonirrigated land capability class 3e.

Sharkey component makes up 35 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. This component is on a swale. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is very high. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 12 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 3e.

## Tu--Tunica Clay

Tunica component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is moderate. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 27 inches. It is in nonirrigated land capability class 3w.

## Ud--Udifulvents

Udifulvents component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. Available water capacity is very low and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet.

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Us--Udipsamments

Udipsamments component makes up 90 percent of the map unit. This map unit is in the Southern Mississippi Valley Alluvium Major Land Resource Area. Available water capacity is very low and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet.